

WEST NEPTUNE



THE WEST NEPTUNE IS A 6TH GENERATION ULTRA-DEEPWATER DRILLSHIP WITH OPERATIONAL HISTORY IN THE U.S. GULF OF MEXICO

FOR ADDITIONAL INFORMATION
PLEASE CONTACT:
SEADRILL MARKETING
WWW.SEADRILL.COM



GENERAL (U.S.)

BUILT 2014 SAMSUNG HEAVY INDUSTRIES
DESIGN SAMSUNG 12,000
FLAG / CLASS PANAMA / DNV
DIMENSIONS 748 FT LONG / 137.8 FT WIDE
DRAFTS 39.4 FT DRILLING / 27.9 FT TRANSIT
DISPLACEMENTS 106,000 ST DRILLING / 71,500 ST TRANSIT
VARIABLE LOAD 22,047 ST DRILLING / 18,188 ST TRANSIT
ACCOMMODATIONS 200 PERSONS
HELIDECK SIKORSKY S-92, MIL-MI-8
MAX WATER DEPTH 12,000 FT DESIGNED / 10,000 FT OUTFITTED
MAX DRILLING DEPTH 37,500 FT

STATION KEEPING

DYNAMIC POSITIONING KONGSBERG DYNPOS-AUTRO CLASS 3
THRUSTERS 6X ROLLS ROYCE 6,035 HP AZIMUTHING
TRANSIT SPEED UP TO 11.5 KNOTS
MOORING LINES HARBOR MOORING ONLY
MOORING WINCHES HARBOR MOORING ONLY

STORAGE CAPACITIES

FUEL 37,793 BBL
DRILL WATER 15,362 BBL
POTABLE WATER 9,132 BBL
ACTIVE LIQUID MUD 6,544 BBL
RESERVE LIQUID MUD 9,435 BBL
BULK BENTONITE/BARITE 15,962 FT³
BULK CEMENT 15,962 FT³

DRILLING PACKAGE

DERRICK DUAL NOV 210 FT TALL WITH 80 FT X 60 FT BASE
1,250 + 1,000 ST GROSS NOMINAL CAPACITY
TOP DRIVE 1X EA MAIN + AUX NOV TDX 1250 RATED
FOR 1,250 ST HOISTING CAPACITY, 2X 1,340 HP AC MOTORS,
MAX CONTINUOUS TORQUE 105,000 FT-LBS AT 125 RPM
DRAWWORKS MAIN: NOV DRECO W/ 2" DRILL LINE MAX LINE
PULL 16 LINES OF 1,250 ST
AUX: NOV DRECO W/2" DRILL LINE MAX LINE PULL 14 LINES 1,000 ST
ROTARY TABLE MAIN: VARCO RST 75.5" AUX: VARCO RST 60.5"
COMPENSATOR MAIN: NOV CROWN MOUNTED RATED FOR
766 ST COMPENSATED, 1,250 ST STATIC
AUX: NOV CROWN MOUNTED RATED FOR 500 ST COMPENSATED
1,000 ST STATIC
TUBULAR HANDLING NOV AUTOMATED HYDRARACKER
MUD PUMPS 4X NOV 14-P-220 2,200 HP
HP MUD SYSTEM RATED FOR 7,500 PSI
SHALE SHAKERS 6X NOV VSM 300

SUBSEA EQUIPMENT

BOP 2X NOV 18 3/4" 7 RAM 15,000 PSI
ANNULAR 2X SHAFFER 18 3/4" 10,000 PSI
DIVERTER SHAFFER MAX BORE 21-1/4"
WELLHEAD CONNECTOR DRILL-QUIP DX-DW
DRESSED FOR 27" WELLHEAD
RISER SHAFFER 90 FT LENGTH 21" OD, 4" ID BOOST LINE
TENSIONERS 8X DUAL SHAFFER 112.5 ST CAPACITY EA
50 FT LINE TRAVEL

CRANES

PRIMARY CRANES 3X NOV HYDRALIFT KNUCKLE BOOM
RATED FOR 93.6 ST AT 62.3 FT RADIUS
X-MAS TREE CRANE NOV HEAVE COMPENSATED KNUCKLE
BOOM RATED FOR 181.9 ST AT 59 FT

POWER

MAIN ENGINES 6X HIMSEN 16H32/40V 10,877 HP DIESEL ENGINES
MAIN GENERATORS 6X ABB 9,387 HP @ 0.8 P.F.
EMERGENCY POWER 1X MTU 2,145 HP DIESEL ENGINE
1X LEROY SOMER 1,350 kW GENERATOR @ 0.8 P.F.

REVISED 6 JANUARY, 2017

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GENERAL (METRIC)

BUILT	2014 SAMSUNG HEAVY INDUSTRIES
DESIGN	SAMSUNG 12,000
FLAG / CLASS	PANAMA / DNV
DIMENSIONS	228 M LONG / 42 M WIDE
DRAFTS	12 M DRILLING / 8.5 M TRANSIT
DISPLACEMENTS	96,189 MT DRILLING / 64,882 MT TRANSIT
VARIABLE LOAD	20,000 MT DRILLING / 16,500 MT TRANSIT
ACCOMMODATIONS	200 PERSONS
HELIDECK	SIKORSKY S-92, MIL-MI-8
MAX WATER DEPTH	3,660 M DESIGNED / 3,048 M OUTFITTED
MAX DRILLING DEPTH	11,433 M

STATION KEEPING

DYNAMIC POSITIONING	KONGSBERG DYNPOS-AUTRO CLASS 3
THRUSTERS	6X ROLLS ROYCE 4,500 KW AZIMUTHING
TRANSIT SPEED	UP TO 5.9 M/S
MOORING LINES	HARBOR MOORING ONLY
MOORING WINCHES	HARBOR MOORING ONLY

STORAGE CAPACITIES

FUEL	6,009 M ³
DRILL WATER	2,442 M ³
POTABLE WATER	1,452 M ³
ACTIVE LIQUID MUD	1,040 M ³
RESERVE LIQUID MUD	11,500 M ³
BULK BENTONITE/BARITE	452 M ³
BULK CEMENT	452 M ³

DRILLING PACKAGE

DERRICK	DUAL NOV 64 M TALL WITH 24.4 M X 18.3 M BASE 1,134 + 907 MT GROSS NOMINAL CAPACITY
TOP DRIVE1X EA MAIN + AUX NOV TDX 1250 RATED FOR 1,134 MT HOISTING CAPACITY, 2X 999 kW AC MOTORS, MAX CONTINUOUS TORQUE 142,360 NM AT 125 RPM
DRAWWORKS	MAIN: NOV DRECO W/ 50.8 MM DRILL LINE MAX LINE PULL 16 LINES OF 1,134 MT AUX: NOV DRECO W/50.8 MM DRILL LINE MAX LINE PULL 14 LINES 907 MT
ROTARY TABLE	MAIN: VARCO RST 755 AUX: VARCO RST 605
COMPENSATOR	MAIN: NOV CROWN MOUNTED RATED FOR 695 MT COMPENSATED, 1,134 MT STATIC AUX: NOV CROWN MOUNTED RATED FOR 454 MT COMPENSATED, 907 MT STATIC
TUBULAR HANDLING	NOV AUTOMATED HYDRARACKER
MUD PUMPS	4X NOV 14-P-220 1,640 kW
HP MUD SYSTEM	RATED FOR 517 BAR
SHALE SHAKERS	6X NOV VSM 300

SUBSEA EQUIPMENT

BOP	2X NOV 47.625 CM 7 RAM 1,034 BAR
ANNULAR	2X SHAFFER DL 47.625 CM 689 BAR
DIVERTER	SHAFFER MAX BORE 0.53975M
WELLHEAD CONNECTOR	DRILL-QUIP DX-DW DRESSED FOR 68.54 CM WELLHEAD
RISER	SHAFFER 27.43 M LENGTH 0.5334 M OD 10.16 ID BOOST LINE
TENSIONERS	8X DUAL SHAFFER 102 MT CAPACITY EA 15.24 M LINE TRAVEL

CRANES

PRIMARY CRANES	3X NOV HYDRALIFT KNUCKLE BOOM RATED FOR 85 MT AT 19 M RADIUS
X-MAS TREE CRANE	NOV HEAVE COMPENSATED KNUCKLE BOOM RATED FOR 165 MT AT 18 M

POWER

MAIN ENGINES	6X HIMSEN 16H32/40V 8,000 kW DIESEL ENGINES
MAIN GENERATORS	6X ABB 7,000 kW @ 0.8 P.F.
EMERGENCY POWER	1X MTU 1,600 kW DIESEL ENGINE 1X LEROY SOMER 1,350 kW GENERATOR @ 0.8 P.F.

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